

Recombinant Murine Calretinin

CATALOG #:	4809-5
AMOUNT:	5 µg
LOT #:	_____
SOURCE:	<i>E. coli</i>
PURITY:	≥ 90% as determined by SDS-PAGE and HPLC
ENDOTOXIN:	Less than 0.1 ng/µg of murine Calretinin
MOLECULAR WEIGHT:	57 kDa
PHYSICAL APPEARANCE:	Sterile filtered solution
FORMULATION:	50 µl (100 µg/ml) in 50 mM Tris-Acetate, pH 7.5, 1 mM EDTA, 20% Glycerol.
STORAGE CONDITIONS:	Store at -20°C to -80°C. Stable for 6-12 months. Avoid freeze-thaw cycles.

DESCRIPTION:

Calretinin is an intracellular calcium-binding protein belonging to the troponin C superfamily characterized by a structural motif described as the EF-hand domain. The immunohistochemical detection of calretinin in developing cerebellum is restricted to the later stages indicated by weak staining from week 21 of gestation, in Purkinje and basket cells and in neurons of the dentate nucleus. The intensity of staining increases as the cerebellum matures. In tumors, calretinin has been detected in mesotheliomas and some pulmonary adenocarcinomas. Recombinant Murine Calretinin protein is expressed from *E. coli* and purified by proprietary chromatographic techniques.

RELATED PRODUCTS:

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- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set

Cell Fractionation System

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

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- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

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- DNA Damage Quantification Kit
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- Nitric Oxide Fluorometric & Colorimetric Assay Kits

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- Beta-Secretase Activity Assay Kit

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- CETP & PLTP Activity Assay & Drug Discovery Kits
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- Luciferase and Beta-Gal Reporter Assays

Antibodies & Recombinant Proteins (many)